THE AMERICAN JOURNAL OF THE MEDICAL SCIENCES.

COLLABORATORS.

ELISHA BARTLETT, M. D. *Professor of Pathological Anatomy in the Berkshire Medical Institution.*

JACOB BIGELOW, M. D. *Professor of Materia Medica in Harvard University, Boston.*

A. BRIGHAM, M. D. *of Hartford, Connecticut.*

N. CHAPMAN, M. D. *Professor of the Institutes and Practice of Physic and Clinical Practice in the University of Pennsylvania.*

B. H. COATES, M. D. *one of the Physicians to the Pennsylvania Hospital.*

REYNELL COATES, M. D. *of Philadelphia.*

D. FRANCIS CONDIE, M. D. *of Philadelphia.*

WILLIAM P. DEWEES, M. D. *Late Professor of Midwifery in the University of Pennsylvania.*

S. HENRY DICKSON, M. D. *Professor of the Institutes and Practice of Medicine in the Medical College of the State of South Carolina.*

GOUVERNEUR EMERSON, M. D. *of Philadelphia.*

JOHN W. FRANCIS, M. D. *Late Professor of Obstetrics and Forensic Medicine in Rutgers Medical College, New York.*

E. GEDDINGS, M. D. *Professor of Pathology and Medical Jurisprudence in the Medical College of the State of South Carolina.*

WILLIAM GIBSON, M. D. *Professor of Surgery in the University of Pennsylvania.*

R. E. GRIFFITH, M. D. *Professor of Materia Medica, Therapeutics, Hygiène and Medical Jurisprudence in the University of Virginia.*

THOMAS HARRIS, *Surgeon U. S. Navy, and one of the Surgeons of the Pennsylvania Hospital.*

E. HALE, M. D. *Physician to the Massachusetts General Hospital.*

GEORGE HAYWARD, M. D. *Professor of the Principles of Surgery and Clinical Surgery in Harvard University, Boston.*

C. A. LEE, M. D. *Professor of Materia Medica in the University of New York.*

SAMUEL JACKSON, M. D. *Professor of the Institutes of Medicine in the University of Pennsylvania.*

SAMUEL JACKSON, M. D. *late of Northumberland, Pennsylvania, now of Philadelphia.*

WILLIAM E. HORNER, M. D. *Professor of Anatomy in the University of Pennsylvania.*

VALENTINE MOTT, M. D. *Professor of Pathological and Operative Surgery in the College of Physicians and Surgeons, New York.*

JAMES MAC DONALD, M. D. *Resident Physician to the Bloomingdale Asylum, New York.*

JAMES MOULTRIE, JR. M. D. *Professor of Physiology in the Medical College of the State of South Carolina.*

REUBEN D. MUSSEY, M. D. *Professor of Surgery in the Medical College of Ohio.*

T. D. MUTTER, M. D. *of Philadelphia.*

G. W. NORRIS, M. D. *one of the Surgeons to the Pennsylvania Hospital.*

R. M. PATTERSON, M. D. *Late Professor of Natural Philosophy in the University of Virginia.*

R. R. PORTER, M. D. *Late Resident Physician to the Friends' Asylum, Frankford.*

THOMAS SEWALL, M. D. *Professor of Anatomy and Physiology in the Columbian College, District of Columbia.*

ASHBEL SMITH, M. D. *Surgeon General of the Texian Army.*

NATHAN R. SMITH, *Professor of Surgery in Transylvania University.*

THOMAS STEWARDSON, M. D. *one of the Physicians to the Pennsylvania Hospital.*

A. F. VACHE, M. D. *of New York.*

JOHN WARE, M. D. *Professor of the Theory and Practice of Physic in Harvard University, Boston.*

JOHN C. WARREN, M. D. *Professor of Anatomy and Surgery in Harvard University, Boston.*

EDWARD WARREN, M. D. *of Boston.*

JOHN WATSON, M. D. *of New York.*

THOMAS H. WRIGHT, M. D. *Late Physician to the Baltimore Alms-house Infirmary.*

EDITOR—ISAAC HAYS, M. D., *one of the Surgeons to Wills' Hospital for the Blind and Lame, &c.*

THE

AMERICAN JOURNAL

OF THE

MEDICAL SCIENCES.

VOL. XXIII.

PHILADELPHIA:
LEA AND BLANCHARD,
SUCCESSORS TO CAREY & CO.
.....
1839.

Philadelphia:
T. K. & P. G. Collins, Printers,
No. 1 Lodge Alley.

TO READERS AND CORRESPONDENTS.

Dr. Evans's very interesting paper shall have a place in our next No.

The following works have been received:—

Elements of Medical Jurisprudence. By Theodoric Romeyn Beck, M. D. Professor of Materia Medica and Medical Jurisprudence, in the College of Physicians and Surgeons of the Western District of the State of New York, and John B. Beck, M. D. Professor of Materia Medica and Medical Jurisprudence, in the College of Physicians and Surgeons, New York. Sixth edition. Philadelphia, Thomas Cowperthwait and Co. 1838, 2 vols. 8vo. (From the publishers.)

First Principles of Medicine. By Archibald Billing, M. D. A. M. &c., &c. Third edition, considerably enlarged and improved. London: 1838. (From the author.)

A treatise on the diseases produced by Onanism, Masturbation, Self-pollution, and other excesses. By L. Deslandes, M. D. Translated from the French, with many additions. Boston: Otis, Broaders and Co., 1838, 12mo. (From the publishers.)

On the Liquefaction and Solidification of Carbonic Acid. By J. K. Mitchell, M. D. (From the author.)

A Case of Osteo-Sarcoma, with remarks, addressed to Valentine Mott, M. D. By Dr. E. H. Dixon. New York: 1838. (From the author.)

Introductory Address delivered at the opening of the session of the Medical College of Georgia, on the second Monday of November, 1838. By Joseph A. Eve, M. D., Professor of Therapeutics and Materia Medica. Published by the Class. Augusta: 1838. (From the author.)

Minutes of the Proceedings of the Medical Society of Tennessee, at the ninth annual meeting, held in Nashville, May, 1838. (From the Society.)

An Appeal to the people of Pennsylvania on the subject of an Asylum for the Insane Poor of the Commonwealth. (From Dr. Dunglison.)

Introductory Lecture delivered at the opening of the Albany Medical College, in the Anatomical Theatre, January 2, 1839. By David Meredith Reese, A. M. M. D. Professor of the Theory and Practice of Physick and Clinical Medicine. Published by request of the Class. Albany: 1839. (From the author.)

Introductory Lecture, delivered at the Willoughby Medical College of the Willoughby University of Lake Erie, 1837-8. By Ralph Granger, Esq., President. Painesville: 1837. (From Prof. S. W. Williams,)

Catalogue of the Officers and Students of Dartmouth College, September, 1838. Windsor, 1838. (From S. W. Williams.)

An Introductory Lecture to a course of lectures on the Theory and Practice of Medicine, in the University of Pennsylvania, delivered at the opening of the session of 1838-9. By N. Chapman, M. D. Professor, &c. Philadelphia: 1838. (From the author.)

The Reformation of Medical Science, demanded by the Inductive Philosophy: a discourse delivered before the "New York Physicians' Society," on their

Anniversary, November 21, 1838. By William Channing, M. D., New York, 1839. (From the author.)

Transactions of the Medical and Physical Society of Calcutta, vol. viii, pt. 1. Calcutta: 1836. (From the Society.)

The Quarterly Journal of the Calcutta Medical and Physical Society; edited by the secretaries, H. H. Goodeve M.D., Prof. of Anat. and Med.; W. B. O'Shaughnessy, M.D., Prof. Chem. and Mat. Med. in Med. Col., Calcutta. Nos. 1, 2, 3, 4 and 5. Calcutta: 1837-8. (From the Society.)

The India Journal of Medical and Physical Sciences, from Jan., 1837, to August, 1838. (In exchange.)

Archives Générales de Médecine, Journal complémentaire des Sciences Médicales, June, July, Aug., 1838. (In exchange.)

Revue Médicale Française et Etrangere, Journal des Progres de la Médecine Hippocratique, June, July, 1838. (In exchange.)

Journal de Médecine et de Chirurgie Pratiques. June, July, August, 1838. (In exchange.)

Bulletin Général de Therapeutique Médicale et Chirurgicale. June, July, August, 1838. (In exchange.)

Journal des Connaissances Médico Chirurgicales. July, Aug., 1838. (In exchange.)

Journal des Connaissances Médicales Pratiques et de Pharmacologie. June, July, August, 1838. (In exchange.)

Gazette Médicales de Paris, June, July, August, 1838. (In exchange.)

La Lancette Française, Gazette des Hôpitaux Civils et Militaires. Jan. to August, 1838. (In exchange.)

Journal de Pharmacie et des Sciences Accessoires. July, August, 1838. (In exchange.)

Zeitschrift für die gesammte Medicin. mit besonder Rücksicht auf Hospitalpraxis und ausländische Literatur. Heraüsgegeben von J. C. G. Fricke und F. W. Offenheim. Sept. and Oct. 1838. (In exchange.)

The London Medical Gazette: July, August, and Sept., 1838. (In exchange.)

The Edinburgh Medical and Surgical Journal for October, 1838. (In exchange.)

The Medico-Chirurgical Review fo Oct., 1838. (In exchange.)

The British and Foreign Medical Review; or, Quarterly Journal of Practical Medicine and Surgery. Oct., 1838. (In exchange.)

The Boston Medical and Surgical Journal, for Nov. and Dec., 1838, and Jan., 1839. (In exchange.)

The Southern Medical and Surgical Journal, Nov. and Dec., 1838, and Jan., 1839. (In exchange.)

The Medical Examiner, for Nov. and Dec., 1838, and Jan., 1839. (In exchange.)

The American Medical Library and Intelligencer, for Nov. and Dec., 1838, and Jan. 1839. (In exchange.)

The Select Medical Library and Eclectic Journal of Medicine, Nov. and Dec. 1838, and Jan. 1839. (In exchange.)

The American Journal of Pharmacy, for Oct., 1838. (In exchange.)

CONTENTS.

ORIGINAL COMMUNICATIONS.

MEMOIRS AND CASES.

ART. PAGE

I. Report of the Surgical cases treated at the Pennsylvania Hospital during the months of May, June, July, August, September and October, 1838. By George W. Norris, M. D., one of the Surgeons to the Hospital. - - - - - - - - - 273

II. Experiments proving the existence of a Venous Pulse independent of the Heart and Nervous System, with remarks on the contractility of veins in general. By J. J. Allison, M. D. - - - - 306

III. Reports of five cases of Wounds of Arteries, treated by Compression, with Observations. By T. S. Kirkbride, M. D. - - - 324

IV. Reports of cases treated in the Baltimore Alms-House Hospital. By Samuel Annan, M. D., Senior Physician to the Institution. - - 329

V. On Apoplexy and Palsy. By Alexander Somervail, M. D., of Essex county, Virginia. - - - - - - - - 348

VI. Successful Ligature of the Subclavian Artery. By G. H. White, M. D., of Hudson, New York. - - - - - 351

VII. Contributions Illustrative of the functions of the Cerebellum. By John D. Fisher, M. D., of Boston. - - - - - - 352

VIII. Account of Scarlatina, as it occurred in Charlestown, N. H., in 1837-8. By Samuel Webber, M. D. - - - - - 363

IX. Case of Severe Compound Fracture of the Leg, successfully treated. By Ed. M. Millard, M. M., of Grand Côteau, La. - - - 368

MONOGRAPHS.

X. On Sanguineous Tumours of the Head, which form spontaneously. (Cephalæmatoma.) By E. Geddings, M. D., Professor of Pathology and Medical Jurisprudence in the University of the State of South Carolina. - - - - - - - - - 369

Bibliography. - - - - - - - - - 390

REVIEWS.

XI. Lectures on the Nervous System and its Diseases. By Marshal Hall, M. D. F. R. S. &c. &c. London: 1838. - - - - 393

ART. PAGE

XII. Elements of the Practice of Physick, presenting a view of the present state of Special Pathology, and Therapeutics. By David Craigie, M. D. F. R. S. E. Vol. 1. 8vo. Edinburgh, 1835. pp. 952. - - 408

BIBLIOGRAPHICAL NOTICES.

XIII. Zur-Jubel Feier des Professor Emeritus, Dr. Johann Busch, in St. Petersburg, am 26sten Mai, 1838. 4to. pp. 32. St. Petersburg, 1838. - 426

XIV. Dissertatio Medica Inauguralis de Cartilaginum articularium ex morbis mutatione. Auctore L. H. Schumer, Jr. Groningen, 1836. 8vo. pp. 64.

An Inaugural Dissertation on the Morbid Changes occurring in the Articular Cartilages. By L. H. Schumer, Jr. - - - - 428

XV. Dissertatio Medica Inauguralis, de Effectibus Tumorum uteri fibrosorum et Symptomatibus quæ iidem provocant. Auctore Johanne Roemer. Groningen, 1837. 8vo. pp. 44.

An Inaugural Dissertation on Fibrous Tumours of the Uterus, and the symptoms, and morbid changes to which they give rise. By J. A. Roemer. - - - - - - - - - 429

XVI. Meine Methode de Taubheit zü heilen.

My mode of treating Deafness. By C. W. Hufeland, M. D., Berlin, 1834. - - - - - - - - - 429

XVII. Essai sur la Variocele et en particulier sur la cure radicale de cette Affection. Par H. Landouzy. Journal des Connaissances, Medico-Chirurgicale, Jan. et Mars, 1838. - - - - - - 430

XVIII. De l'Action des Alimens sur l'Economie Animale. Par M. Edwards, Membre de l'Institut. Paris, 1838.

On the Action of Food on the Animal Economy. By M. Edwards. - 432

XIX. Urinary Diseases and their Treatment. By Robert Willis, M. D., Physician to the Royal Infirmary for Children, &c. London. 1838, 8vo. pp. 408. - - - - - - - - 435

XX. Outlines of General Pathology. By George Freckleton, M. D., Cantab. Fellow of the Royal College of Physicians. London, 1838. 12mo. pp. 267. - - - - - - - 437

XXI. Introductory Address, delivered at the opening of the session of the Medical College of Georgia, on the second Monday of November, 1838. By Joseph A. Eve, M. D., Professor of Therapeutics and Materia Medica. Published by the Class. Augusta, 1838. pp. 24. 8vo.

Medical Education. An Address delivered before the Medical Society of Tennessee, at its annual meeting, at Nashville, on the 7th May, 1838. By Lunsford P. Yandell, M. D. Published at the request of the Society. pp. 20. 8vo. - - - - - - - 437

XXII. Di una Straña Mallattia Nĕrvosa guarita con L'agopuntura. Memoria letta all'ateno di Venezia dal Socio ordinario Giacinto Dr. Namias. 4to. 12 pp. Padova, 1837.

Description of a singular case of nervous disease cured by acupuncturation. Read to the Athenæum of Venice, by Dr. Giacinto Namias. - 439

XXIII. Elements of Medical Jurisprudence. By Theodoric Romeyn Beck, M. D. Professor of Materia Medica, and Medical Jurisprudence, in the College of Physicians and Surgeons of the Western District of New York, &c. &c., and John B. Beck, Professor of Materia Medica and Medical Jurisprudence, in the College of Physicians and Surgeons, New York, &c. &c. Sixth edition, 2 vols. 8vo. pp. 670 and 743. Philadelphia: Thomas, Cowperthwait & Co. 1838. - - - 440

SUMMARY

OF THE

IMPROVEMENTS AND DISCOVERIES IN THE MEDICAL SCIENCES.

FOREIGN INTELLIGENCE.

General Anatomy and Physiology.

PAGE

1. Structure of the Retina. By Müller. - - - 441
2. On the Functions of the Rete Mucosum and Pigmentum Nigrum in the Negro. By R. M. Glover. - - - 441
3. Experimental Investigation of the Functions of the eighth pair of Nerves. By Dr. J. Reid. 442
4. On the Origin and Subsequent Development of the Human Teeth. By Dr. Goodsir. - 443
5. Experiments and Observations on the Cause of the Sounds of Respiration. By Dr. Spittal. 444
6. Cases in which the ability to distinguish Colours was Defective. By Dr. Elliotson. - 445
7. Weight and Bulk of the Human Heart. By Dr. John Clendinning. - - - 448

Pathological Anatomy and General Pathology.

8. On Epidemic Epilepsy in Schools. By Dr. Meyer. - 448
9. Partial Sweat. By A. Duncan, Esq. - - - 449
10. Sloughing and Discharge of about twenty-five inches of Large Intestine. By Dr. P. Brown. - - - 449
11. Enormous Dilatation of the Stomach. By M. Serain. - 450
12. Researches relative to the causes of sudden death. By M. Alphonse Devergie. - 450
13. Purulent Discharges from the Bladder and Rectum in Hepatic Diseases, &c. By J. Mouat, Esq. - - - 450
14. Results of Re-vaccination in Silesia. By Dr. Aggens. - 452
15. Results of Re-vaccination in the Prussian Army during 1836. 452
16. Results of Re-vaccination in the Prussian Army in 1837. - 452

Materia Medica and General Therapeutics.

17. On Arsenic as an Antiperiodic. By G. G. Sigmond, M. D. 453
18. On the use of Arsenic in Cancerous Affections. By G. G. Sigmond, M. D. - - 454
19. On the use of Arsenic in Hospital Gangrene. By G. G. Sigmond, M. D. - - - 456
20. Medicinal properties of Cascarilla. By G. G. Sigmond, M. D. - - - 456
21. On the Chirayita Gentiana; or worm-seed plant. By G. G. Sigmond, M. D. - - 457
22. On the Quassia Excelsa. By G. G. Sigmond, M. D. - 458
23. On the Therapeutic properties of the Cocculus Palmatus or Calumba Plant. By G. G. Sigmond, M. D. - - 459
24. Kreosote in Gastro-enteritic Irritation. By Dr. John Burne. 460

Special Pathology and Special Therapeutics.

PAGE

25. On Extension, Shampooing, and Percussion (Percussion Cadencée) in the treatment of Muscular Contractions. By Dr. Recamier. - - - 460
26. On the Treatment of Anasarca and Ascites by Acupuncture. By Prof. Graves. - 464
27. Examination of the received doctrine of Bright's Kidneys. By Prof. Graves. - - 466
28. On Erratic Erysipelas. By Prof. Graves. - - 469
29. Case of Chorea—administration of Stramonium and Turpentine—Cure. By Professor Graves. - - - 471

PAGE

30. Chorea in a man seventy-two years old. By Prof. Graves. 472
31. Turpentine in the Treatment of Tænia. By Prof. Graves. 472
32. Hooping-cough. By Dr. Lombard. - - - - 472
33. Beneficial Effects of Belladonna in a Case of Puerperal Mania. By David H. Scott, M. D. - - - - 477
34. New Method of treating certain Cases of Epistaxis. By Prof. Graves. - - 478
35. Dry treatment in Catarrhal Affections. By Prof. Graves. 478
36. Method of preventing Chilblains. By Prof. Graves. - 478

Surgery.

37. Artificial anus following a hernia with gangrene; protrusion of a large portion of intestine through the solution of continuity.—Cure by autoplasty. 479
38. Arab Fracture Apparatus. - 480
39. Immovable Apparatus for the treatment of Fractures. By M. Seutin. - - - 481
40. Treatment of Hydrocele by injections with Iodine. By J. R. Martin. - - - 484
41. Fracture of the Fibula without malposition of the foot. - 485
42. Fracture of the Thigh-bone—defective union with distortion at the end of six months—subsequent recovery. By Professor Syme. - - - 485
43. Fracture of the Pelvis from a slight fall. By M. Bouvier. 486
44. Dislocation of the Thigh-bone on the Dorsum Ilii. By Prof. Syme. - - - 486
45. Rupture of the axillary artery—diffused aneurism—ligature of the subclavian—amputation at the shoulder-joint—recovery. By Prof. James Syme. - 486
46. Aneurism of the external Iliac artery—obscurity delaying an operation—mortification of the limb—ligature of the common Iliac, and amputation of the thigh—dissection. By Professor Syme. - . - 488
47. Club-foot treated by Operation. By Dr. Little. - - 489
48. Luxation of the Thigh of seven and a half months' standing. Fracture of the Femur during efforts of Reduction. Remarks by M. Malgaigne. - 491
49. Laceration of the Perineum in Women. By Prof. Dieffenbach. - - - - - 495
50. Opiate Lotions in Phlebitis. By M. Pasquier. - - 497
51. Aneurism of the arteria innominata and origin of the right Subclavian artery—ligature of common Carotid and Subclavian arteries. By S. W. Fearn, Esq. - - - - 498

Ophthalmology.

52. Amaurosis from tumour in cerebellum pressing on corpora quadrigemina. By Dr. G. Kerrison. - - - - 500

53. Operation performed in Persia for the removal of opacity of the cornea. By S. M. Griffiths. - - - - 500

Midwifery.

54. Expulsion of a Fœtus after the interment of the Mother. By Messrs. Dunn and Saville. - 501
55. Extra-Uterine fœtation—Gastrotomy—Cure. - - 501
56. Resuscitation of Still-born Children. By Mr. Toogood. - 502

Medical Jurisprudence and Toxicology.

57. The Blood is not always black in Asphyxia by Charcoal. By M. Olivier. - - - 503
58. Poisoning by Arsenious acid cured by Tritoxide of Iron. By John Murray, M. D. - - 503
59. On the Poisonous effects of Rue, and on its Influence on the Uterus. By M. Hélie. - 504

Medical Statistics.

60. On the Relative Frequency of Pulmonary Consumption and Diseases of the Heart. By Dr. John Clendinning. - - 505
61. A Statistical Inquiry on Fever. By A. S. Thomson. - 509
62. Proportion of the Sexes at birth in legitimate and illegitimate children. - - 510

Animal Chemistry.

63. Presence of Quinine in the Urine of persons who had taken it in large doses. - - 510
64. Analysis of the blood of a diabetic patient—detection of sugar in it. By Dr. G. O. Rees. - - - 511

Miscellaneous.

65. Animal Magnetism in London. - - - - 512
66. Animal Magnetism in Paris. 514
67. Vaccine Virus fresh from the Cow. - - - - 516

AMERICAN INTELLIGENCE.

Case of Extirpation of the Parotid Gland, by J. Randolph, M. D. - - - - 517
Loss of Testicle. By Samuel Weber. - . - 518
On the use of Tobacco in certain cases. By Dr. Alexander Somervail. - - - 518
Successful division of the Adductor Longus Femoris Muscle for Deformity and loss of motion in the inferior extremity. By Prof. Paul F. Eve. - 519

PAGE

Tumour of the base of the cranium, producing amaurosis, exophthalmia, and death. By Dr. S. Littell, Jr. - - - 519
American Medical Almanac. By Dr. J. V. C. Smith. - - 521
Liquefaction and Solidification of Carbonic Acid. - - 521
Forthcoming Work of S. D. Gross, M. D. - - 524
University of the City of New York. - - - 524
An Appeal to the People of Pennsylvania on the subject of an Asylum for the Insane Poor of the Commonwealth. - - 524

ERRATA.

Page 18, line 24 from top, for "coats of the aorta," read "*serous, and through the internal lamina of the muscular coat.*"
" 18, " 2 from bottom, for "February, 1828, p. 81," read "January, 1838, Vol. I. No. 1. N. S."
" 231, " 9 " " for "caused," read "*cured.*"
" 274, " 4 " top, for "sprians," read "*sprains.*"